

10/585673

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

Pocket No. B-6037PCT 623562-9

International Application No.:
PCT/JP2005/000090

Applicant(s) for DO/EO/US:
(1) Hiroyuki TAKAHASHI (2) Masayoshi KAI

International Filing Date:
7 January 2005

Title of Invention:

"PARTICLE DETECTION DEVICE AND PARTICLE DETECTION METHOD"

Priority Dates Claimed:
9 January 2004
26 February 2004

U.S. Application No.
(if known, see 37 CFR 1.5)
NOT YET ASSIGNED

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
 4. ☒ The U.S. Has been elected (Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
 8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 20 below concern document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet with check for \$40.00 in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A preliminary amendment
 14. ☐ An Application Data Sheet under 37 CFR 1.76.
 15. ☐ A substitute specification.
 16. ☒ A power of attorney and/or change of address letter.
 17. ☐ A computer-readable form of the sequence listing in accordance with PCT rule 13ter.2 and 37CFR 1.821 - 1.825.
 18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
 19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
 20. ☒ Other items or information: Claim to Priority (1 page)
copy of Form PCT/IB/304 (1 page)
copy of blank declaration/power of attorney (4 pages)
copy of PCT Request (4 pages)
copy of International Search Report (1 page)
copy of Published Title Page of PCT International Application (2 page)
copy of Form PCT/IB/308 (1 page)

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21. [X] Basic national fee..... \$ 300.00 = \$ 300.00

22. [X] Examination fee
If International preliminary examination report prepared by USPTO
and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 100.00
All other situations..... \$ 200.00 = \$ 200.00

23. [X] Search fee
Search fee (37 CFR 1.445(a)(2)) has been paid on the international
application to the USPTO as an International Searching Authority.... \$ 100.00
International Search Report prepared and provided to the Office..... \$ 400.00
All other situations..... \$ 500.00 = \$ 400.00

TOTAL OF 21, 22 and 23 = \$ 900.00

[] Additional fee for specification and drawings filed in paper over
100 sheets (excluding sequence listing or computer program listing
filed in an electronic medium). The fee is \$250 for each additional
50 sheets of paper or fraction thereof.

Total Sheets Extra sheets # of each additional 50 RATE
or fraction thereof
68 - 100 = /50 = x \$250.00 \$ _____

Surcharge of \$130.00 for furnishing the oath or declaration later than
30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ _____

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	<u>35</u> - 20 =	<u>15</u>	x \$50.00
Independent claims	<u>2</u> - 3 =	<u>0</u>	x \$200.00

\$750.00
\$ _____

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ _____
[X] Amendment deleting multiple dependencies enclosed

TOTAL OF ABOVE CALCULATIONS = \$ 1,650.00

[] Applicant claims small entity status. See 37 CFR 1.27.
The fees indicated above are reduced by 1/2. (50% of above) \$ _____
SUBTOTAL = \$ _____

Processing fee of \$130.00 for furnishing the English translation later than
30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ _____

TOTAL NATIONAL FEE = \$ 1,650.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)).
The assignment must be accompanied by an appropriate cover
sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ _____

TOTAL FEES ENCLOSED = \$ 1,650.00

Amount to be refunded: \$ _____
charged: \$ _____

[X] A check in the amount of \$ 1,650.00 to cover the above fees is enclosed.

[] Please charge my Deposit Account No. _____ in the amount of \$ _____ to
cover the above fees. A duplicate copy of this sheet is enclosed.

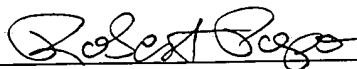
[X] The commissioner is hereby authorized to charge any additional fees
which may be required, or credit any overpayment to Deposit Account No.
12-0415. A duplicate copy of this sheet is enclosed.

[] Fees are to be charged to a credit card. WARNING: Information on this
form may become public. Credit card information should not be included on
this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR
1.137(a) or (b)) must be filed and granted to restore the application to pending status.

Send all correspondence to:

LADAS & PARRY
5670 Wilshire Boulevard, Suite 2100
Los Angeles, California 90036-5679
Telephone: (323) 934-2300
Telefax: (323) 934-0202



Robert Popa
Reg. No. 43,010

10/585673

TAPS Rec'd PCT/PTO 06 JUL 2006

IN THE UNITED STATES DESIGNATED OFFICE DO/EO/US
REGARDING THE INTERNATIONAL APPLICATION OF:

(1) Hiroyuki TAKAHASHI and (2) Masayoshi KAI

ENTITLED: "PARTICLE DETECTION DEVICE AND PARTICLE DETECTION METHOD"

INTERNATIONAL APPLN. NO. PCT/JP2005/000090

Our Ref: B-6037PCT 623562-9

MAIL STOP PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Attn: United States Designated/Elected Office (DO/EO/US)

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV300748352US

Date of Deposit: July 6, 2006

I hereby certify that the following attached papers or fee

- postcard
- check no. 21664 for \$1,650.00
- Transmittal Letter (2 pages)
- Preliminary Amendment (12 pages)
- copy of English language translation of the International Application as filed and published consisting of:
 - Specification (33 pages), Abstract (1 page) Claims (20 pages), 14 sheets of Drawings (Figs. 1-16),
- copy of International Search Report (1 page)
- copy of Change of Address letter (2 pages)
- Blank Declaration/Power of Attorney (4 pages)
- Claim to Priority (1 page)
- copy of form PCT/IB/304 (1 page)
- copy of PCT Request (4 pages)
- copy of Published Title Page of PCT International Application (2 pages)
- copy of Form PCT/IB/308 (1 page)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above in an envelope addressed to "Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450"

Lianne M. Doan

(Typed or printed name of person mailing paper or fee)



IAP6 Rec'd PCT/PTO 06 JUL 2006

20 June, 2006

The International Bureau of WIPO
84, Chemin des Colombettes,
1211, Geneva 20
Switzerland

NOTIFICATION OF CHANGE OF ADDRESS

International Application No. : PCT/JP2005/000090

International Filing Date : 07 January 2005

Applicant

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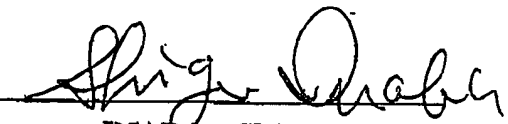
Applicant's or Agent's File reference : CAR05001

Dear Sir / Madam

The Applicant files as attached herewith a notification of change of address.

Very truly yours,

Signature



INABA, Shigeru

Attachment :

Notification of Change of Address

1 sheet